



Space, Missile, Command, and Control

SUPPORT PERSONNEL MASTER QUESTION FILE



This pamphlet implements AFI 13-102, *Air Support Operations Center (ASOC) and Tactical Air Control Party (TACP) Training and Evaluation Procedures*. It contains a bank of questions, answers and source references used during the mission status certification process to ensure individuals possess needed skills and knowledge. The information in this study guide applies to individuals filling ASOC and TACP duty positions and units conducting training and evaluation of personnel performing Terminal Attack Control duties. Actual testing will begin 1 December 1997.

No. of Printed Pages: 19

OPR: 4 ASOG/DOV (TSgt Harris)

CERTIFIED BY: 4 ASOG/DO (Lt Col Moschler)

Distribution: X

1. When convoying, who normally selects the route of travel?

- a. The Executive Officer
- b. The driver/leader
- c. The commander
- d. The navigator

Answer: C Ref: FM 21-26 pg. 12-1

2. As the navigator, what other jobs should you have?

- a. Scouting party leader
- b. Convoy security
- c. platoon leader
- d. None

Answer: D Ref: FM 21-26 pg. 12-1

3. 1.6 Kilometers is equal to how many miles?

- a. .62 miles
- b. 1.0 miles
- c. 1.6 miles
- d. 2.2 miles

Answer: B Ref: FM 21-26 pg. 12-2

4. The HMMWV can traverse grades as steep as what percent?

- a. 30%
- b. 40%
- c. 60%
- d. 70%

Answer: C Ref: TO 36A12-1A-2091-1 pg. 1-6

5. With a deep water fording kit the HMMWV can ford water crossings of how deep?

- a. 60 inches
- b. 50 inches
- c. 30 inches
- d. 20 inches

Answer: A Ref: TO 36A12-1A-2091-1

6. When preparing to move, what is the first thing you should do?

- a. Plot finish point and checkpoints
- b. Plot checkpoints and start points
- c. Plot start point and end point
- d. Plot possible checkpoints

Answer: C Ref: FM 21-26 pg. 12-2

7. What is the most commonly used method of navigation?

- a. Polar method
- b. Terrain association
- c. Dead Reckoning
- d. A combination of both b and c.

Answer: B Ref: FM 21-26 pg. 12-3

8. Considering movement tactics, which of the following should be done?

- a. Avoid skylining and select a concealed route
- b. Choose the most difficult terrain to follow
- c. Choose the easiest most direct route
- d. None of the above

Answer: A Ref: FM 21-26 pg. 12-3

9. When in a vehicle, what can you use to measure distances?

- a. Speedometer
- b. Protractor
- c. Odometer
- d. Compass

Answer: C Ref: FM 21-26 pg. 12-1

10. What information does the position display on the PSN-11 provide?

- a. Current position
- b. Date
- c. Satellite usage summary
- d. All of the above

Answer: D Ref: TO 31R4-2PSN-11-1 pg. 4-2

Refer to the next page to answer questions 11 thru 13.

11. Authenticate **A B M** _____

- A. R
- B. Z
- C. L
- D. S

Answer: A Ref: AKAC Users Guide

12. Authenticate **N W H** _____

- A. Q
- B. B
- C. R
- D. J

Answer: C Ref: AKAC Users Guide

13. Authenticate **A Z** _____

- A. M
- B. Q
- C. Z
- D. R

Answer: B Ref: AKAC Users Guide

14. What is the input voltage to the GRC-206 radio communications system?

- a. 12 Vdc
- b. 24 Vdc
- c. 30 Vdc
- d. 22 to 30 Vdc

Answer: D Ref: T.O. 31R2-2GRC206-1 pg. 1-5

15. What is the purpose of the MUTE switch on the RSC?

- a. turns the speaker off during receive
- b. turns the handset off during receive
- c. turns the speaker off during transmission
- d. turns the handset off during transmission

Answer: C Ref: T.O. 31R2-2GRC206-1 pg. 2-8

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	ABCD	EFG	HJ	KLM	NO	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
A	ZMW	ACL	XRT	DH	BE	NQY	GI	IK	OS	UP
B	QRZT	XMD	YHL	APF	IG	SNU	BW	CV	KD	JE
C	WHOY	AKZ	PER	BN	SQ	DVX	CF	GU	JM	TL
D	MFON	BDL	ZKA	XQJ	CY	FTI	HV	EG	RS	UW
E	ASIL	CXO	VNE	IYP	FK	ZHQ	BR	JU	GW	DM
F	NYIE	PZK	HFB	QUR	JG	WDM	CO	XT	VS	AL
G	ALYH	OMX	TZR	JEQ	DK	VCW	UB	NS	IG	PF

	ABCD	EFG	HJ	KLM	NO	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
H	MDWG	UIR	BQH	ZKF	PY	IEN	VO	XC	LT	SA
I	FUSO	KIJ	GYQ	NEB	HF	DIR	XL	CA	WP	MZ
J	EIDK	VCW	BUN	SGI	FP	ALH	YO	MX	TZ	RQ
K	LIMJ	UGF	CXV	DQS	IN	BRE	PZ	KA	YO	HW
L	WUSR	GEV	HIT	FYC	JQ	XAK	ZL	DB	NO	PM
M	GWDM	RJU	HQB	FKZ	YP	NIE	OV	CX	TL	AS

	ABCD	EFG	HJ	KLM	NO	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
N	YFK	ZHQ	BRJ	UGW	DM	AST	LC	OV	NE	DX
O	FDIR	XLC	AWP	MVZ	US	OKI	JG	YN	QE	BH
P	VOXC	LTS	MAD	WUJ	GR	BQH	ZK	FP	YI	EN
Q	PSVB	JQF	TNI	MMU	YC	LED	RX	OZ	HG	AK
R	HGK	TFV	YCN	JQA	XL	ZBS	DO	PM	UW	RE
S	XAKZ	LDB	NOP	MKG	WU	SVE	HI	TF	YC	JQ

	ABCD	EFG	HJ	KLM	NO	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
T	XIEN	VOC	LTS	AMD	WG	UIR	BQ	HZ	KF	PY
U	HBEQ	NYG	JK	OSU	PZ	MPW	AC	LX	RT	DF
V	PHG	SNU	BWC	VKD	JE	QRZ	TX	MO	YH	LA
W	SQDV	XC	GUJ	MIL	WH	OYA	KZ	FE	RB	NI
X	KAXQ	JCY	FTI	HVE	GR	SUW	MP	CN	BD	ZL
Y	VEGR	SUW	MFO	NBD	LZ	KAX	QI	CY	FT	IH
Z	NIEY	FK	ZHQ	BRJ	UG	WDM	AS	TL	CX	OV

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16. Which of the following is **not** shown in the status display?

- a. Low battery
- b. Open cable
- c. Fault
- d. Busy

Answer: D Ref: T.O. 31R2-2GRC206-1 pg. 2-10

17. Which of the following is **not** an audible indicator on the RSC?

- a. Open F/O cable
- b. System fault
- c. Low battery
- d. Busy

Answer: C Ref: T.O. 31R2-2GRC206-1 pg. 2-15

18. When the vehicle oil pressure drops below vehicle operating limits, the vehicle power to the radios is removed **except** when the power selector switch is in the _____.

- a. Vehicle position.
- b. Vehicle override position.
- c. Auxiliary override position.
- d. Auxiliary motor generator position.

Answer: B Ref: T.O. 31R2-2GRC206-1 pg. 2-17

19. Once you select your power source, and turn the PWR-RESET-OFF circuit breaker on the PSB to the PWR position, what is the first item you turn on?

- a. URC-113 (HF)
- b. RT-246 (FM)
- c. SDU
- d. VRC-83 VHF OR UHF)

Answer: A Ref: T.O. 31R2-2GRC206-1 pg. 2-72

20. On the GRC-206, power is applied to the SDU after it's applied to the _____.

- a. HF radio subsystem
- b. VHF-FM radio subsystem
- c. VHF-AM radio subsystem
- d. UHF-AM radio subsystem

Answer: B Ref: T.O. 31R2-2GRC206-1 pg. 2-72

21. For all radio subsystems the _____ mode of operation must be enabled for COMSEC operations.

- a. plain text
- b. squelch
- c. cipher
- d. DF

Answer: B Ref: TO 31R2-2GRC206-1 pg. 2-91

22. The KYK-13 can store a total of _____ crypto variables.

- a. 2
- b. 4
- c. 6
- d. 8

Answer: C Ref: CDC 1C451 Vol. 3, pg. 3-26

23. How do you enable the whisper mode on the PRC-119?

- a. Pull volume control knob
- b. Push volume control knob
- c. Turn volume control knob clockwise
- d. Turn volume control clockwise

Answer: A Ref: TM 11-5820-890-10-1 pg. 2-5

24. What is the audible indicator for low batteries on the PRC-104?

- a. 1 KHZ tone in handset
- b. Sidetone in handset
- c. Beeping sound in handset
- d. Clicking sound in handset

Answer: D Ref: TO 31R2-2PRC104-1 pg. 2-1

25. What is the maximum tune time (in seconds) of the AN/PRC-104 HF radio?

- a. 6
- b. 8
- c. 10
- d. 12

Answer: D Ref: TO 31R2-2PRC104-1 pg. 2-3

26. During normal operations of the AN/PRC-104, to both transmit and receive voice, you must place the mode selection switch in what position?

- a. D-TR
- b. V-TR
- c. D-RCV
- d. V-RCV

Answer: B Ref: TO 31R2-2PRC104-1 pg. 1-14

27. What indication does the operator have that the PRC-104 is transmitting normally?

- a. Sidetone in the handset.
- b. Clicking sound in the handset.
- c. A solid beeping tone in the handset.
- d. A short beep at the beginning of each transmission.

Answer: A Ref: T.O. 31R2-2PRC104-1 pg. 2-1

28. When using the compass assembly with the PVS-7b, the heading is expressed in _____.

- a. Grid
- b. Magnetic
- c. True
- d. Polar

Answer: B Ref: TO 12S10-2PVS7-11 Change 2, pg. 3-17.2

29. The sacrificial window on the PVS-7 is used for?

- a. Laser threat environment
- b. fog prevention
- c. protection of the objective lens in adverse conditions
- d. Eyepiece protection lenses

Answer: C Ref: 12S10-2PVS7-11 Change 2, pg. 3-3

30. NVGs can see thru dense smoke.

- a. true
- b. false

Answer: B Ref: TO 12S10-2PVS7-11 Change 2, pg. 3-2

31. The IR illuminator on the PVS-7b is visible to other night vision devices.

- a. true
- b. false

Answer: A Ref: TO 12S10-2PVS7-11 Change 2, pg. 3-14

32. What type battery does the PVS-7B use?

- a. AA batteries (BA-3058/U) or BA-5567/U lithium
- b. BA-3030
- c. AAA batteries
- d. BA5598/U

Answer: A Ref: TO 12S10-2PVS7-11 Change 2, pg. 2-3

33. The demist shields on the PVS-7b are to prevent the eyepiece lens from fogging.

- a. true
- b. false

Answer: A Ref: TO 12S10-2PVS7-11 Change 2, pg. 1-7

34. A red-light in the left eyepiece of the PVS-7b means ?

- a. low battery
- b. IR illuminator is on
- c. NVG is in operation
- d. Overheat condition

Answer: B Ref: TO 12S10-2PVS7-11 Change 2, pg. 3-9

35. The light interference filter is used on a PVS-7b in a LASER environment.

- a. true
- b. false

Answer: A Ref: TO 12S10-2PVS7-11 Change 2, pg. 3-17

36. A flashing red-light in the right eyepiece of the PVS-7b indicates?

- a. Low battery
- b. Excessive light indicator
- c. goggles needs purging
- d. Count down to self destruction of unit

Answer: A Ref: TO 12S10-2PVS7-11 Change 2, pg. 3-4

37. The PVS-7b NVG will produce an image even if there is no ambient light.

- a. true
- b. false

Answer: B Ref: TO 12S10-2PVS7-11 Change 2, pg. 3-1

38. The eight recognition/detection factors which are characteristics that make an object contrast with its background are shape, shadow, color, texture, patterns, movement, _____, and _____.

- a. shine and reflection
- b. movement and concealment
- c. temperature and radar return
- d. cover and concealment

Answer: C Ref: FM 20-3 pg. 3-4 & 3-5

39. What type of shadow projects a silhouette of an object against its background?

- a. Cast
- b. Reflected
- c. Contained
- d. Combined

Answer: A Ref: FM 20-3 pg. 3-5

40. Slow movement is more obvious than fast or erratic movement.

- a. True
- b. False

Answer: B Ref: FM 20-3 pg. 3-5

41. The complete concealment of an object by some form of screen is referred to as _____.

- a. disrupting
- b. disguising
- c. blending
- d. hiding

Answer: D Ref: FM 20-3 pg. 3-6

42. Breaking up the characteristic shape of an object to avoid recognition because of shape, contrast, shadow, and radar or thermal signature is _____.

- a. disrupting
- b. disguising
- c. blending
- d. hiding

Answer: A Ref: FM 20-3 pg. 3-6

43. When camouflaging your forehead, cheekbones, nose, ears, and chin use _____ colors.

- a. light
- b. dark
- c. mixed
- d. medium

Answer: B Ref: FM 20-3 pg. D-2

44. Frontal cover must be at least _____ inches thick to stop small arms fire?

- a. 28
- b. 20
- c. 18
- d. 16

Answer: C Ref: FM 21-75 pg. 2-2

45. The PRC-113 is compatible with the _____ secure voice equipment.

- a. KY-38
- b. KY-57
- c. KYK-13
- d. KY-65

Answer: B Ref: T.O. 31R2-2PRC113-1 pg. 52

46. _____ indicates low battery power on the PRC-113.

- a. A clicking in the Handset
- b. A blinking decimal in the LCD display
- c. A beeping in the Handset
- d. LPR displayed in the LCD display

Answer: B Ref: T.O. 31R2-2PRC113-1 pg. 37

47. What is the output power of the PRC-113 when low power is selected?

- a. 5 watts
- b. 10 watts
- c. 3 watts
- d. 2 watts

Answer: D Ref: TO 31R2-2PRC113-1 pg. 4

48. Which of the following is an informal record of the distance and azimuth of each leg of a convoy? It includes notes about checkpoints.

- a. Checkpoint book
- b. Note book
- c. Log book
- d. Map book

Answer: C Ref: FM 21-26 pg. 12-4

49. The Grid Zone Designator is a three character identifier consisting of a _____.

- a. Number/Letter combination
- b. Series of three numbers
- c. Land characteristic
- d. Series of three letters

Answer: A Ref: FM 21-26 pg. 4-16

50. The 100,000 Meter Square Identifier _____.

- a. Is a Number/Letter combination
- b. Two number identifier
- c. Two letter identifier
- d. Shows the relationship between adjoining maps

Answer: C Ref: FM 21-26 pg. 4-16

51. An 8-digit coordinate has an accuracy of within _____ meters of the actual location.

- a. 10
- b. 100
- c. 1
- d. 1,000

Answer: A Ref: FM 21-26 pg. 4-13

52. When comparing map edition numbers, which would be the most recent edition?

- a. B - KLR
- b. A - KLR
- c. 1 - KLR
- d. 2 - KLR

Answer: D Ref: FM 21-26 pg. 3-1

53. You can find the magnetic variation of the earth in the _____.

- a. Declination Diagram
- b. Conversion Graph
- c. Legend
- d. Elevation Guide

Answer: A Ref: FM 21-26 pg. 3-2

54. The sheet name of a map is determined by _____.

- a. An arbitrary system
- b. The most prominent town or land feature in the area of the map
- c. The grid zone designator
- d. The datum used to create the map

Answer: B Ref: FM 21-26 pg. 3-1

55. Black on a map depicts _____.

- a. Chemical contamination
- b. Populated areas
- c. Cultivated areas
- d. Manmade features

Answer: D Ref: FM 21-26 pg. 3-5

56. Red on a map depicts

- a. Populated areas
- b. Danger zones
- c. Contour Lines
- d. Manmade features

Answer: A Ref: FM 21-26 pg. 3-5

57. To find out which map is to the right of the one you are using, _____.

- a. refer to the datum
- b. check the adjoining sheet reference
- c. use the next consecutive sheet number
- d. check the series number

Answer: B Ref: FM 21-26 pg. 3-1

Match the terrain features with the pictures that follow.

58. Draw

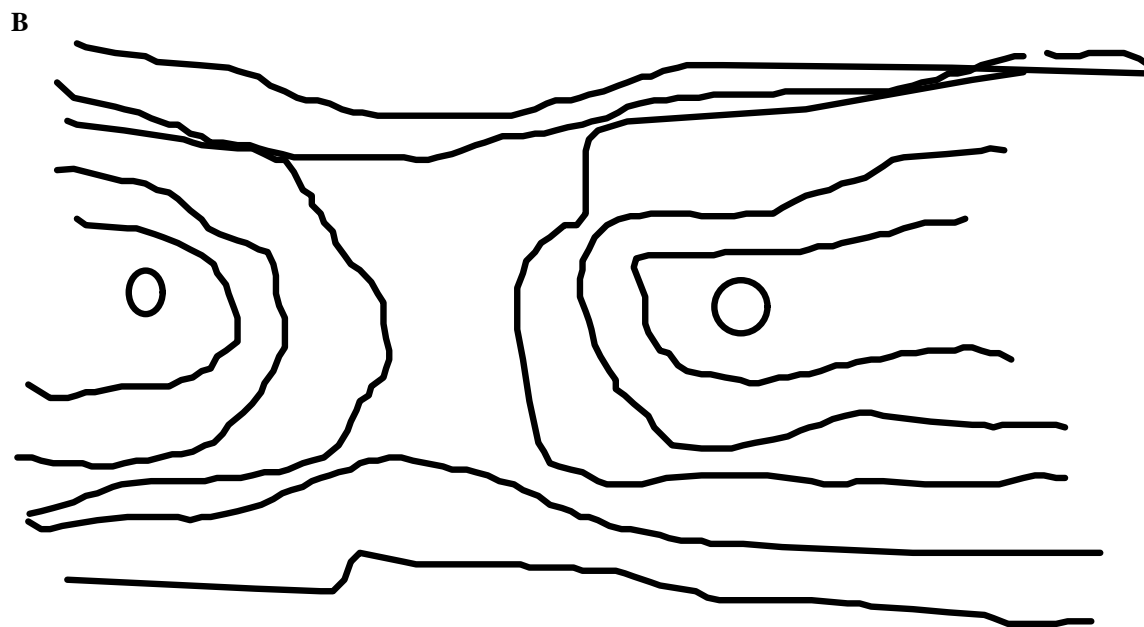
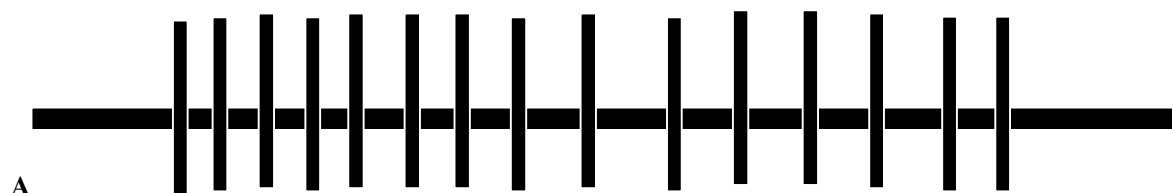
59. Fill

60. Depression

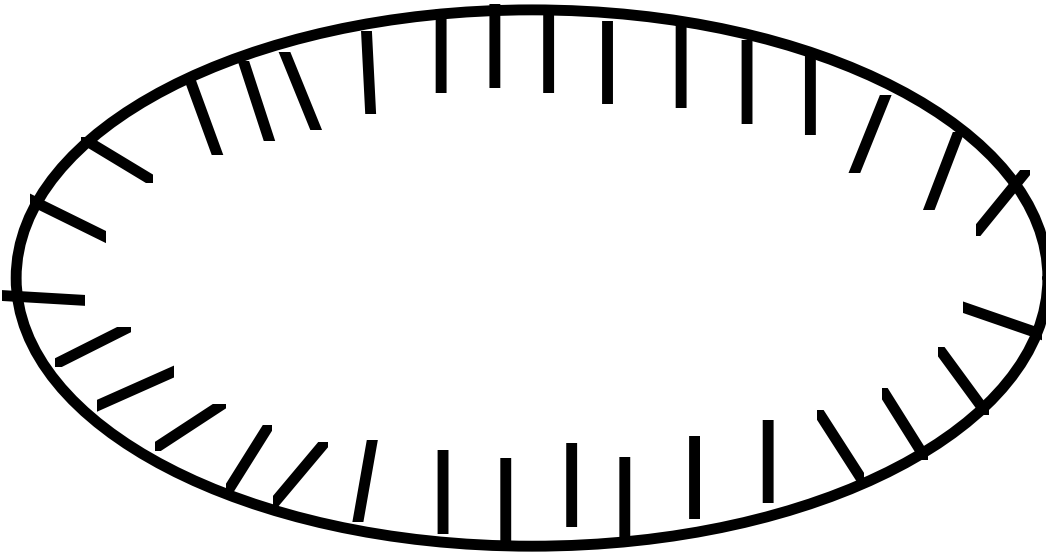
61. Saddle

62. Cliff

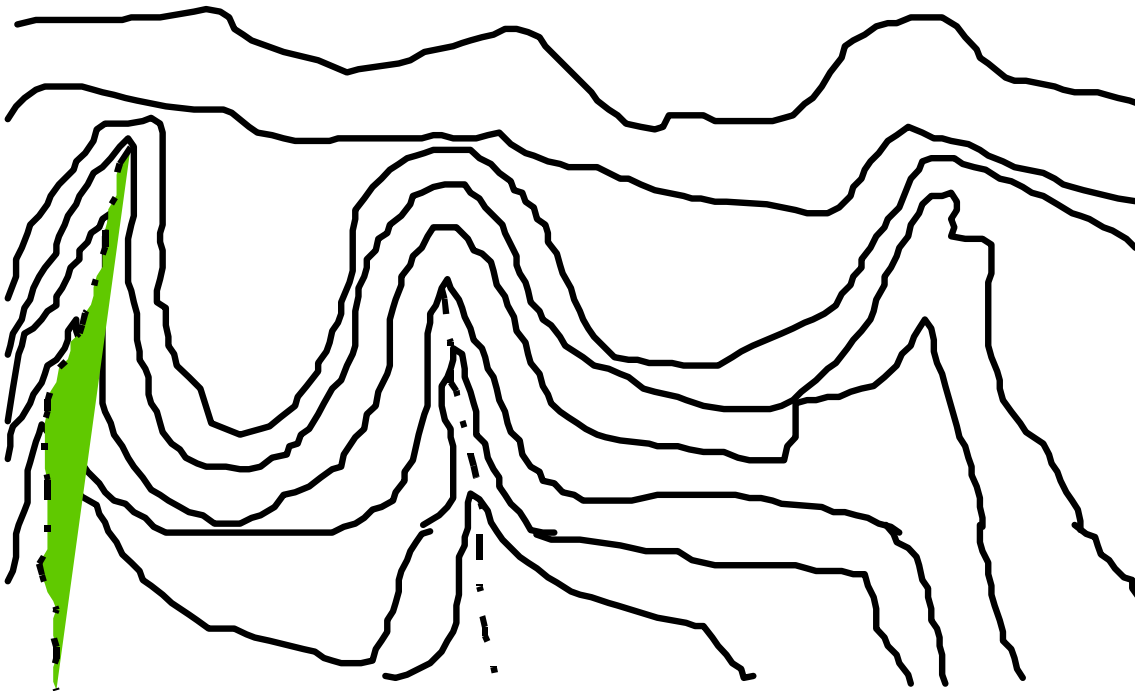
Answers: E, A, D, B, & C Ref: FM 21-26 pg. 10-15



D



E



63. Which of the following is an **incorrect** R/T procedure?

- a. Listen before transmitting.
- b. No unofficial conversations.
- c. Use of plain language is permitted.
- d. Use only authorized prowords/codewords.

Answer: C Ref: FM 21-75 pg. 7-11

64. The prowords "ROGER", and "WILCO" will be used together.

- a. True.
- b. False.

Answer: B Ref: FM 24-18 pg. 5-15

65. When is it acceptable to use your own codewords?

- a. Never
- b. Anytime
- c. When there is no established codeword
- d. When you hear someone else use it

Answer: A Ref: FM 24-18 pg. 5-8

66. You should never use names or personal signs on the net..

- a. True
- b. False

Answer: A Ref: FM 24-18 pg. 5-8

67. What degree of loudness should you use when you speak into the microphone?

- a. Yell into the handset
- b. Speak clearly & concisely in natural tones
- c. Whisper into the handset
- d. Hold the handset as close to your mouth as possible.

Answer: B Ref: FM 24-18 pg. 5-4 & 5-7

68. Which proword indicates: I have received your transmission satisfactorily?

- a. Over
- b. Relay
- c. Roger
- d. Correct

Answer: C Ref: FM 24-18 pg. 5-14

69. What is the meaning of the proword OUT?

- a. Station is out to lunch
- b. End of my transmission to you and no answer is expected
- c. Station is out of range
- d. I must pause

Answer: B Ref: FM 24-18 pg. 5-13

70. Which Army section do you talk to for administrative and personnel affairs?

- a. S5/G5
- b. S1
- c. AME
- d. ALO

Answer: B Ref: FM 101-5 pg. 3-2

71. Who do you talk to for civil affairs?

- a. S5/G5
- b. S1/S3
- c. AME
- d. ALO

Answer: A Ref: FM 101-5 pg. 3-11

72. The S/G-4 is responsible for _____.

- a. Intelligence
- b. Communications
- c. Operations
- d. Logistics

Answer: D Ref: FM 101-5 pg. 3-9

73. The _____ can assist you in matters concerning automated systems and communications equipment.

- a. AME
- b. G/J6
- c. S2/G2
- d. SJA

Answer: B Ref: FM 101-5 pg. 2-13

74. Maps can be acquired through the _____.

- a. Sergeant Major
- b. S/G2
- c. ADCS
- d. S3/G3

Answer: B Ref: FM 101-5 pg. 3-6

75. If you need to have a large hole dug, who could get it done for you?

- a. Engineers
- b. S/G4
- c. NGLO
- d. Chemical Officer

Answer: A Ref: FM 101-5 pg. 3-24

76. Lets say your unit would like to use a local farmer's barn to work from. What section could assist you in coordinating and possibly paying for this?

- a. LNO
- b. S/G4
- c. Logistics Officer
- d. S/G5

Answer: D Ref: FM 101-5 pg. 3-11

77. The _____ determines the type/amount of MP support required.

- a. Provost Marshal
- b. Military Police Liaison Element
- c. Operations Security division
- d. S/G3

Answer: A Ref: FM 101-5 pg. 3-29

78. The S/G1 has many responsibilities. _____ is something he/she needs to know about anytime it changes.

- a. The number of meals your unit will need each day
- b. The enemy situation
- c. Personnel status
- d. How many trucks are down for maintenance

Answer: C Ref: FM 101-5 pg. 3-2

79. The Command Sergeant Major is like the _____ of an Air Force Unit.

- a. First Sergeant
- b. Senior Enlisted Advisor
- c. Operations Superintendent
- d. Chief of Maintenance

Answer: B Ref: FM 101-5 pg. 3-22

80. A fighting position should be dug _____ deep.

- a. waist
- b. 6 feet
- c. armpit
- d. shoulder

Answer: C Ref: FM 21-75 pg. 2-11

81. What is the maximum towing speed for a disabled M-998 without removing any of the propeller shaft(s)?

- a. 10 mph
- b. 20 mph
- c. 30 mph
- d. 40 mph

Answer: C Ref: AFTO 36A12-1A-2091-1 pg. 2-101

82. With the transmission in "D" drive and the transfer case selector in "L" low, what is the maximum operating speed?

- a. 15 mph
- b. 27 mph
- c. 25 mph
- d. 20 mph

Answer: B Ref: AFTO 36A12-1A-2091-1 pg. 1-23

83. When operating in loose sand or soft ground, place the transfer case shift lever in _____ and the transmission selector in _____.

- a. "H/L" & "D" drive
- b. "L" & "L" low
- c. "H/L" & "L" low
- d. "L" & "D" drive

Answer: A Ref: AFTO 36A12-1A-2091-1 pg. 2-115

84. What is the "shallow" water fording depth of the M-998?

- a. 30 in.
- b. 45 in.
- c. 25 in.
- d. 18 in.

Answer: A Ref: AFTO 36A12-1A-2091-1 pg. 2-119

85. When remoting the RSC, what is the expected battery life using BB-590 batteries above 30 deg (F)?

- a. 10 hrs
- b. 20 hrs
- c. 50 hrs
- d. 90 hrs

Answer: B Ref: T. O. 31R2-2GRC206-1 pg. 1-5

86. Which of the following radios is/are the VRC-83 (V) 2?

- a. HF
- b. VHF-AM
- c. UHF-AM
- d. both b & c

Answer: D Ref: T. O. 31R2-2GRC206-1 pg. 1-2

87. Which of the following is/are the power output in watts, for the VRC-83(V) 2?

- a. 2
- b. 10
- c. 30
- d. All of the above

Answer: D Ref: T. O. 31R2-2GRC206-1 pg. 1-21

88. Which echelon of command would the ASOC normally collocate with in the field?

- a. Army Echelon
- b. Division TOC
- c. Division Command Post
- d. Corps TOC

Answer: D Ref: USAFER 55-48

89. On the M-998 do not exceed _____ mph for more than _____ miles with both rear tires flat.

- a. 15 / 30
- b. 25 / 25
- c. 15 / 15
- d. 20 / 30

Answer: D Ref: AFTO 36A12-1A-2091-1 pg. 2-130

90. Tire chains must be installed as a four-wheel set?

- a. true
- b. false

Answer: A Ref: AFTO 36A12-1A-2091-1 pg. 3-26

91. What is the maximum distance an M-998 may be towed without removing the propeller shaft(s)?

- a. 10 miles
- b. 20 miles
- c. 30 miles
- d. 40 miles

Answer: C Ref: AFTO 36A12-1A-2091-1 pg. 2-101

92. When towing a disabled M-998 with all four wheels on the ground, which propeller shaft (s) must be removed to exceed 30 mph for more than 30 miles?

- a. front shaft
- b. rear shaft
- c. both shaft
- d. neither shaft

Answer: C Ref: AFTO 36A12-1A-2091-1 pg. 2-101

93. What is the normal operating coolant temperature on the M-998?

- a. 190-230 deg (F)
- b. 170-180 deg (F)
- c. 135-150 deg (F)
- d. 220-250 deg (F)

Answer: A Ref: AFTO 36A12-1A-2091-1 pg. 1-21

94. What is the range of the PRC-119 on high power?

- a. 20-60 kilometers
- b. 8-35 kilometers
- c. 40-100 kilometers
- d. 4-8 kilometers

Answer: D Ref: TM 11-5820-890 pg. 1-6

95. What does (SC) stand for on the PRC-119?

- a. SINCGARS Channel
- b. Single Channel
- c. Simple Channel
- d. Frequency Hopping

Answer: B Ref: TM 11-5820-890 pg. 1-3

96. The range of the PRC-119 when on low power is?

- a. 500-800 meters
- b. 10-11 kilometers
- c. 2-5 kilometers
- d. 0-300 kilometers

Answer: D Ref: TM 11-5820-890 pg. 1-6

97. Which of the following is **NOT** a technique for reducing electromagnetic vulnerability?

- a. use of a directional antenna
- b. use of minimum necessary power output
- c. use of maximum power output to "burn through" jamming
- d. minimizing the duration and repetition of transmissions

Answer: C Ref: FM 24-1 pg. 2-3

98. The best way to counter imitative communications deception is through?

- a. authentication
- b. placement of antennas
- c. chattermark procedures
- d. use of minimal transmission power

Answer: A Ref: FM 24-1 pg. 2-18

99. What color on a map would indicate an orchard or grassland?

- a. red
- b. blue
- c. black
- d. green

Answer: D Ref: FM 21-26 pg. 3-8

100. What color on a UTM map would represent relief features and elevations?

- a. red
- b. blue
- c. black
- d. brown

Answer: D Ref: FM 21-26 pg. 3-8

101. When reading grid coordinates on a UTM map you should begin in the _____ corner and read _____.

- a. lower left, up and right
- b. lower left, right and up
- c. lower right, up and left
- d. lower right, left and up

Answer: B Ref: FM 21-26 pg. 4-19

102. Longitudinal lines converge to _____ north?

- a. grid
- b. true
- c. scaled
- d. magnetic

Answer: B Ref: FM 21-26 pg. 6-2

103. What is the variation in height and shape of the earth's surface?

- a. elevation
- b. terrain
- c. relief
- d. none of the above

Answer: C Ref: FM 21-26 pg. 6-1

104. Height expressed in feet or meters measured from sea level is called _____.

- a. elevation
- b. relief
- c. terrain
- d. none of the above

Answer: A Ref: FM 21-26 pg. 6-1

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